



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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GROUP 1700

In re application of:

Keith Douglas Perring et al.

: Docket No. LP 4285 US

: Art Unit: 1771

: Examiner: Pierce, Jeremy R.

Serial No.: 09/509,863

Filed: July 14, 2000

For: METHODS FOR TEXTILE TREATMENT FOR :  
SPANDEX CONTAINING FABRICS

## ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby grant associate power of attorney to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected herewith to:

Burton A. Amernick	24,852	Christine M. Hansen	40,634	Elliot C. Mendelson	42,878
Joseph Barrera	44,522	Daniel J. Harbison	47,631	C. Keith Montgomery	45,254
Richard M. Beck	22,580	Liza D. Hohenschutz	33,712	Daniel C. Mulveny	45,897
Oleh V. Bilynsky	50,563	Larry J. Hume	44,163	Thor B. Nielsen	45,528
Mary W. Bourke	30,982	Rudolf E. Hutz	22,397	Gerard M. O'Rourke	39,794
Gary A. Bridge	44,560	Wayne C. Jaeschke	21,062	James M. Olsen	40,408
Paul E. Crawford	24,397	Christopher E. Jeffers	51,274	George R. Pettit	27,369
Francis Digiovanni	37,310	Morris Liss	24,510	Ashley I. Pezzner	35,646
Eric J. Evain	42,517	Zhun Lu	53,242	Harold Pezzner	22,112
John A. Evans	44,100	Matthew J. Mason	44,904	Thomas F. Poche	45,017
Mark E. Freeman	48,143	Susan B. Shaw McBee	39,294	Patricia Smink Rogowski	33,791
Stanley B. Green	24,351	Robert G. McMorrow	30,962	Helena C. Rychlicki	48,179
Brian J. Hairston	46,750	William E. McShane	32,707	Myron Keith Wychc	47,341

The correspondence address for this application remains unchanged.



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

KEITH D. PERRING, ET AL.

CASE NO.: LP4285 US NA

APPLICATION NO.: 09/509863

GROUP ART UNIT: 1771

FILED: JULY 14, 2000

EXAMINER: JEREMY R. PIERCE

FOR: COALESCED MULTIFILAMENT SPANDEX  
AND METHOD FOR ITS PREPARATIONRECEIVED  
JUL 09 2003  
GROUP 1700**STATEMENT UNDER 37 CFR 3.71(a), 3.73(b)**  
**APPOINTMENT OF ATTORNEY OF RECORD**Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby appoint ROBERT B. FURR, JR. (Registration No. 32,985) the power to prosecute the above-identified application and to transact all business in the Patent and Trademark Office connected herewith.

Additionally, I hereby certify that E. I. duPont de Nemours and Company is the assignee of record for the above-identified application. The assignment for Application No. 09/509863 was recorded in the United States Patent and Trademark Office concurrently herewith. A copy of the Assignment and Recordation Cover Sheet are attached.

Please send all correspondence in such application to the principal attorney of record at the following address:

Legal Patent Records Center  
Barley Mill Plaza 25/1128  
4417 Lancaster Pike  
Wilmington, DE 19805

Respectfully submitted,

DEBORAH A. MEGINNISS  
Assistant Secretary, Patent Board  
Telephone: (302) 892-7926  
Facsimile: (302) 992-2105Date: July 7, 2003

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

<b>1. Submission Type:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID# _____ <input type="checkbox"/> Correction of PTO Error Reel # _____ Frame # _____ <input type="checkbox"/> Corrective Document Reel # _____ Frame # _____ Data Element in Question : _____		<b>2. Conveyance Type:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> License <input type="checkbox"/> Change of Name <input type="checkbox"/> Merger <input type="checkbox"/> Other _____  US. GOVERNMENT (For Use ONLY by U.S. Government Agencies) <input checked="" type="checkbox"/> Departmental File <input type="checkbox"/> Secret File Total No. of pages of conveyance document including attachments _____	
<b>4. Name of conveying party(ies):</b>  <sup>1</sup> PERRING, Keith Douglas <sup>2</sup> CLEMENTS, Christopher Francis <sup>3</sup> MACMASTER, Angus Peter <sup>4</sup> PALMEN, Raymond <sup>5</sup> JOHN, Oliver William  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Execution Date: <sup>1</sup> June 28, 2000 <sup>4</sup> June 29, 2000 <sup>2</sup> June 28, 2000 <sup>5</sup> June 16, 2000 <sup>3</sup> June 21, 2000		<b>5. Name and address of receiving party(ies):</b>  ROBERT B. FURR, JR. E. I. DU PONT DE NEMOURS AND COMPANY LEGAL-PATENTS BARLEY MILL PLAZA 25 WILMINGTON, DELAWARE 19880-0025  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Application number(s) or patent number(s):</b>  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s): 09/509863 Docket No.: LP4285  B. Patent No.(s): _____  Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>6. Correspondent Name &amp; Address:</b>  ROBERT B. FURR, JR. E. I. DU PONT DE NEMOURS AND COMPANY LEGAL-PATENTS BARLEY MILL PLAZA 25 WILMINGTON, DELAWARE 19880-0025		<b>7. Total number of applications and patents involved:</b> <u>1</u>  <b>8. Total fee (37 CFR 3.41) .....</b> <u>\$40.00</u>  <input type="checkbox"/> Enclosed (Check No.: _____) <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>9. Deposit account number:</b> <u>04-1928</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
<b>10. Statement and signature.</b> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  MIRIAM D. MECONNAHEY ASSISTANT SECRETARY, PATENT BOARD  <i>Miriam D. Meconnahey</i> 7 July 2003 Signature      Date  Total number of pages comprising cover sheet: <u>1</u>			

C  
Y  

# ASSIGNMENT

We, the undersigned  
**PERRING, Keith Douglas, CLEMENTS, Christopher Francis, MACMASTER, Angus Peter,**  
**PALMEN, Raymond and JOHN, Olivier William**

Hereby declare that

We are the true and first inventors of an invention relating to

## TEXTILE TREATMENT

which is disclosed in PCT International Application, PCT/GB98/03056 filed the 9TH day of OCTOBER, 1998 (Case No. LP4285); in which the United States of America is a designated state for Letters Patent; and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign, and transfer unto E. I. du Pont de Nemours and Company, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

X Keith Douglas Perring (L.S.)

**PERRING, Keith Douglas**

DATE: 28/6/00

X Angus Peter Macmaster (L.S.)

**MACMASTER, Angus Peter**

DATE: 28/6/00

O. John (L.S.)

**JOHN, Olivier William**

DATE: 21/06/2000

X Christopher Francis Clements (L.S.)

**CLEMENTS, Christopher Francis**

DATE: 29-6-00

X Raymond Palmén (L.S.)

**PALMEN, Raymond**

DATE: 17.6.00



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GROUP 1700

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Keith D. Perring

Application No./Patent No.: 09/509,863

Filed/Issue Date: July 14, 2000

Entitled: METHODS FOR TEXTILE TREATMENT FOR SPANDEX CONTAINING FABRIC

E.I. DuPont de Nemours & Company, a

(Name of Assignee)

Corporation

Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

**NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 7, 2003

Date

Robert B. Furr, Reg. No. 32,985

Typed or printed name

Robert B. Furr  
Signature

Authorized Signer for Assignee

Title



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

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JUNE 27, 2003

PTAS

CONNOLLY BOVE LODGE & HUTZ LLP  
PATRICIA SMINK ROGOWSKI  
1220 MARKET STREET  
P.O. BOX 2207  
WILMINGTON, DE 19899

**\*700034629A\***~~\*700034629A\*~~

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/26/2003

REEL/FRAME: 013758/0379

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

QUEST INTERNATIONAL B.V.

DOC DATE: 06/18/2003

## ASSIGNEE:

E.I. DUPONT DE NEMOURS & COMPANY  
1007 MARKET STREET  
WILMINGTON, DELAWARE 19898

SERIAL NUMBER: 09529098

FILING DATE: 06/19/2000

PATENT NUMBER: 6465420

ISSUE DATE: 10/15/2002

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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1-91-92

JUL 07 2003

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Registrar, Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

QUEST INTERNATIONAL B.V.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: June 18, 2003

2. Name and address of receiving party (ies):

Name: E.I. DUPONT DE NEMOURS & COMPANY

Internal

Address:

Street

Address: 1007 Market Street

City: Wilmington State: Delaware

Additional name(s) address(es) attached? ☐ Yes ☒ No

4. Application number (s) or patent number (s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s) 6,465,420

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: PATRICIA SMINK ROGOWSKI

Internal Address: CONNOLLY BOVE LODGE & HUTZ LLP

Street Address: 1220 MARKET STREET  
P.O. BOX 2207

City: WILMINGTON State: DE Zip: 19899

6. Total Number of applications and patents involved: (1)

7. Total Fee (37 CFR 3.41) \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 03-2775

(If any additional fee is required)

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patricia Smink Rogowski Reg. No. 33,791

Name of Person Signing & Reg. No.

Signature

Date

Agency Docket #: 10253-20

Total number of pages including cover sheet, attachments and document (2)

OMB No. 0657-0001 (exp. 4/97)

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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PATENT ASSIGNMENT

In consideration of \$10.00, and other good and valuable consideration, of which receipt is acknowledged, QUEST INTERNATIONAL B.V., a corporation of the Netherlands with its principal place of business at Huizerstraatweg 28, NL-1411 GP Naarden, The Netherlands, and the owner of the entire right, title and interest in U.S. Patent 6,465,420, hereby sells and assigns to E.I. DUPONT DE NEMOURS AND COMPANY, a Delaware corporation with its principal place of business at 1007 Market Street, Wilmington, DE 19898, its entire right, title and interest in and to the '420 patent, and the entire right, title and interest in the inventions claimed in said patent, to be held and enjoyed by E.I. DUPONT DE NEMOURS AND COMPANY, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by QUEST INTERNATIONAL B.V. had this assignment and sale not been made.

This Assignment shall be effective on the date it was signed by an authorized representative of QUEST INTERNATIONAL B.V. The undersigned representative of QUEST INTERNATIONAL B.V. has the authority to bind the company to the terms of this Assignment.

QUEST INTERNATIONAL B.V.

By:

 R. Koenig

Title:

Director

Date:

18 June 2003

Signed before me this \_\_\_\_ day of June, 2003.

\_\_\_\_\_  
Notary Public - Name:

(Seal)